sending a channel assignment message to the first mobile terminal after the base station synchronizes with the first mobile terminal;

broadcasting data frames from said plurality of mobile terminals to said base station on a traffic channel designated by said channel assignment message sent by said base station; and

turning off said transmitter of said first mobile terminal once said broadcasting is completed by said first mobile terminal.

9. A method of operating a code division multiple access (CDMA) communication system according to claim **8** wherein said accessing step comprises the sub-steps of:

sending said origination message from said first mobile terminal to said base station wherein said origination message contains packet data; and

receiving said origination message sent by said first mobile terminal at said base station.

10. A method of operating a code division multiple access (CDMA) communication system according to claim **9** wherein said assigning step comprises the sub-steps of:

setting aside said synchronous synchronization-reservation channel time slot and a channel assignment for use by said first mobile terminal in an assignment message by said base station;

transmitting said assignment message from said base station to said first mobile terminal; and

receiving said assignment message at said first mobile terminal.

11. A method of operating a code division multiple access (CDMA) communication system according to claim **10** wherein said synchronizing step comprises the sub-steps of:

tuning said transmitter of said first mobile terminal to said channel assignment assigned in said assignment message;

transmitting a synchronization message from said first mobile terminal to said base station at said assigned time slot and on said synchronous synchronization-reservation channel contained in said assignment message;

receiving said synchronization message sent by said first mobile terminal at said base station; and

synchronizing said base station to the mobile using a preamble contained in said synchronization message sent by said first mobile terminal.

12. A method of operating a code division multiple access (CDMA) communication system according to claim **11** wherein said transmitting step comprises the sub-steps of:

assigning a reverse traffic channel and a send time to said first mobile terminal in said channel assignment message;

transmitting said channel assignment message from said base station to said first mobile terminal using a reservation response channel;

receiving said channel assignment message at said first mobile terminal on said reservation response channel; and

tuning said transmitter on said first mobile terminal to said reverse traffic channel assigned in said assignment message.

13. A method of operating a code division multiple access (CDMA) communication system according to claim **12** wherein said broadcasting step comprises the sub-steps of:

transmitting from said first mobile terminal at least one of a plurality of data frames on assigned said reverse traffic channel designated by channel assignment message to said base station; and

receiving said at least one data frame at said base station transmitted by said first mobile terminal.

14. A method of operating a code division multiple access (CDMA) communication system according to claim **12** wherein said transmitting sub-step comprises

transmitting a PN code identifying the sector of the cell the said mobile terminal is transmitting from which results in a reduction of the number of receivers the base station is required to have.

15. A method of operating a code division multiple access (CDMA) communication system as recited in claim **14** wherein said sending sub-step further comprises

dividing said synchronous synchronization-reservation channels into a plurality of frames;

subdividing said plurality of frames into a plurality of time slots;

assigning each of said mobile terminals to a corresponding time slot; and

transmitting a preamble on said assigned synchronization-reservation channel time slot during said assigned time slot.

16. A method of operating a code division multiple access (CDMA) communication system as recited in claim **15** wherein said transmitting sub-step comprises

repeating a PN code at least once in said one time slot.

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